

10-7-04

IMAGE

1142

Docket No.: 291958156US
(PATENT)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV342447129US, in an envelope addressed to MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10/5/04

Signature:

Melody Almberg
(Melody Almberg)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Woodruff et al.

Application No.: 09/875,365

Confirmation No.: 8844

Filed: June 5, 2001

Art Unit: 1742

For: ADAPTABLE ELECTROCHEMICAL
PROCESSING CHAMBER

Examiner: W. T. Leader

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of only the foreign patents and non patent literature documents is enclosed.

10/12/2004 SSANDARA 00000008 09875365

01 FC:1806

180.00 DP

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958156US.

Dated: 4 Oct 04

Respectfully submitted,

By 

Edward S. Hotchkiss

Registration No.: 33,904

PERKINS COIE LLP

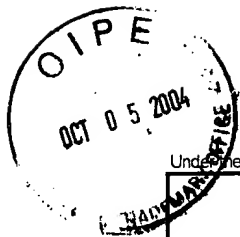
P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/875,365-Conf. #8844	
	Filing Date	June 5, 2001	
	First Named Inventor	Daniel J. Woodruff	
	Art Unit	1742	
	Examiner Name	W. T. Leader	
Total Number of Pages in This Submission	11	Attorney Docket Number	291958156US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): SB08 (8 Pages); Cited References (59 Enclosed); Postcard; Check
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	PERKINS COIE LLP Edward S. Hotchkiss - 33,904
Signature	
Date	10/5/04

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV342447129US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: 10/5/04	Signature: (Melody Almberg)



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/875,365-Conf. #8844		
		Filing Date	June 5, 2001		
		First Named Inventor	Daniel J. Woodruff		
		Art Unit	1742		
		Examiner Name	W. T. Leader		
Sheet	1	of	8	Attorney Docket Number	291958156US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-08/940,524	09-30-1997	Bleck et al.	
		US-08/990,107	12-15-1997	Hanson et al.	
		US-09/114,105	07-11-1998	Woodruff et al.	
		US-09/618,707	07-18-2000	Hanson et al.	
		US-09/679,928		Woodruff et al.	
		US-10/729,349		Klocke	
		US-10/729,357		Klocke	
		US-10/817,659		Wilson et al.	
		US-2001-0032788	10-25-2001	Daniel Woodruff	
		US-2002-0008036	01-24-2002	Hui Wang	
		US-2002-0046952	04-25-2002	Lyndon Graham	
		US-2002-0079215	06-27-2002	Wilson et al.	
		US-2002-0096508	07-25-2002	Weaver et al.	
		US-2003-0038035	02-27-2003	Gregory Wilson	
		US-2003-0062258	04-03-2003	Daniel Woodruff	
		US-2003-0070918	04-17-2003	Kyle Hanson	
		US-2004-0031693	02-19-2004	Linlin Chen	
		US-2004-0055877	03-25-2004	Gregory Wilson	
		US-2004-0099533	05-27-2004	Gregory Wilson	
		US-3,309,263	03-14-1967	Grobe	
		US-3,616,284	10/1971	Bodmer et al.	
		US-3,706,651	12-30-1970	Leland	
		US-3,798,003	03-19-1974	Ensley et al.	
		US-3,968,885	07-13-1976	Hassan et al.	
		US-4,022,679	05-10-1977	Koziol et al.	
		US-4,030,015	10-20-1975	Herko et al.	
		US-4,072,557	02-07-1978	Schiel	
		US-4,082,638	04-04-1978	Jumer	
		US-4,113,577	09-12-1978	Ross et al.	
		US-4,137,867	02-06-1979	Aigo	
		US-4,165,252	08-21-1979	Gibbs	
		US-4,170,959	10-16-1979	Aigo	
		US-4,222,834	09-16-1980	Bacon et al.	
		US-4,238,310	12-09-1980	Eckler et al.	
		US-4,246,088	01-20-1981	Murphy et al.	
		US-4,259,166	03-31-1981	Whitehurst	
		US-4,287,029	09-01-1981	KOUICHI SHIMAMURA	
		US-4,323,433	04-06-1982	DAVID M. LOCH	
		US-4,341,629	07-27-1982	Uhlinger	
		US-4,360,410	11-23-1982	Fletcher et al.	
		US-4,378,283	03-29-1983	MICHAEL SEYFFERT	
		US-4,391,694	07-05-1983	BENGT W. RUNSTEN	
		US-4,422,915	12-27-1983	Wielonski et al.	
		US-4,431,361	02-14-1984	Bayne	
		US-4,440,597	04-03-1984	Wells et al.	
		US-4,443,117	04-17-1984	Muramoto et al.	
Examiner Signature				Date Considered	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	2	of	8	Attorney Docket Number	291958156US

	US-4,449,885	05-22-1984	Hertel et al.	
	US-4,451,197	05/1984	Lange	
	US-4,463,503	08-07-1984	ROBERT D. APPLGATE	
	US-4,466,864	08-21-1984	DUANE E. BACON	
	US-4,469,566	09-04-1984	Wray	
	US-4,475,823	10-09-1984	Stone	
	US-4,480,028	10-30-1984	Kato et al.	
	US-4,495,153	01-22-1985	MINORU MIDORIKAWA	
	US-4,495,453	01-22-1985	HAJIMU INABA	
	US-4,529,480	07-16-1985	Trokhan	
	US-4,541,895	09-17-1985	Albert	
	US-4,566,847	01-28-1986	TAKASHI MAEDA	
	US-4,576,685	03-18-1986	Goffredo et al.	
	US-4,585,539	04-29-1986	Edson	
	US-4,604,177	08-05-1986	OLIVO G. SIVILOTTI	
	US-4,604,178	08-05-1986	DALE R. FIEGENER	
	US-4,639,028	01/1987	Olson	
	US-4,670,126	06/1987	Messer et al.	
	US-4,685,414	08-11-1987	DiRico	
	US-4,687,552	08-18-1987	Early et al.	
	US-4,693,017	09-15-1987	Oehler et al.	
	US-4,696,729	09-29-1987	Santini	
	US-4,715,934	12-29-1987	Tamminen	
	US-4,741,624	05-03-1988	Barroyer	
	US-4,760,671	08-02-1988	WILLIAM R. WARD	
	US-4,761,214	08-02-1988	EDMUND R. HINMAN	
	US-4,770,590	09/1988	Hugues et al.	
	US-4,800,818	01-31-1989	Kawaguchi et al.	
	US-4,849,054	07-18-1989	Klowak	
	US-4,858,539	08-22-1989	Schumann	
	US-4,864,239	09-05-1989	Casarcia et al.	
	US-4,868,992	09-26-1989	Crafts et al.	
	US-4,898,647	02/1990	Luce et al.	
	US-4,906,341	03-06-1990	KOJI YAMAKAWA	
	US-4,913,035	08-02-1988	Vohringer et al.	
	US-4,924,890	05-15-1990	Giles et al.	
	US-4,944,650	07/1990	Matsumoto	
	US-4,951,601	08-28-1990	Maydan et al.	
	US-4,962,726	10-16-1990	Matsushita et al.	
	US-4,979,464	12-25-1990	Kunze-Concewitz et al.	
	US-5,024,746	06-18-1991	Stierman et al.	
	US-5,026,239	06-25-1991	Chiba	
	US-5,048,589	09-17-1991	Cook et al.	
	US-5,054,988	10-08-1991	Shiraiwa	
	US-5,055,036	10-08-1991	Asano et al.	
	US-5,061,144	10-29-1991	MASAMI AKIMOTO	
	US-5,069,548	12-03-1991	Boehnlein	
	US-5,078,852	01-07-1992	IAN Y.K. YEE	
	US-5,083,364	01-28-1992	Olbrich et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	3	of	8	Attorney Docket Number	291958156US

	US-5,110,248	05-05-1992	Asano et al.	
	US-5,125,784	06-30-1992	Asano	
	US-5,128,912	07/1992	Hug et al.	
	US-5,146,136	09-08-1992	TOSHIO OGURA	
	US-5,155,336	10-13-1992	Gronet et al.	
	US-5,156,174	10-20-1992	RAYMON F. THOMPSON	
	US-5,168,886	12-08-1992	Thompson et al.	
	US-5,168,887	12-08-1992	RAYMON F. THOMPSON	
	US-5,169,408	12-08-1992	Biggerstaff et al.	
	US-5,172,803	12-22-1992	Lewin	
	US-5,174,045	12-29-1992	Thompson et al.	
	US-5,178,512	01/1993	Skrobak	
	US-5,178,639	01-12-1993	Nishi	
	US-5,180,273	01-19-1993	Salaya et al.	
	US-5,183,377	02-02-1993	Becker et al.	
	US-5,186,594	02-16-1993	Toshima et al.	
	US-5,222,310	06-29-1993	RAYMON F. THOMPSON	
	US-5,227,041	07-13-1993	BRUCE N. BROGDEN	
	US-5,228,232	07-20-1993	RODNEY MILES	
	US-5,228,966	07-20-1993	SATOSHI MURATA	
	US-5,230,371	07-27-1993	Lee	
	US-5,232,511	08-03-1993	Bergman	
	US-5,235,995	08-17-1993	Bergman et al.	
	US-5,238,500	08-24-1993	Bergman	
	US-5,252,137	10-12-1993	Tateyama et al.	
	US-5,252,807	10-12-1993	Chizinsky	
	US-5,256,262	10-26-1993	Blomsterberg	
	US-5,256,274	10-26-1993	JAIME PORIS	
	US-5,271,953	12-21-1993	Litteral	
	US-5,271,972	12-21-1993	Kwok et al.	
	US-5,301,700	04-12-1994	Kamikawa et al.	
	US-5,306,895	04-26-1994	Ushikoshi et al.	
	US-5,314,294	09-24-1994	TAKAO TANIGUCHI	
	US-5,316,642	05-31-1994	DAVID J. YOUNG	
	US-5,326,455	07/1994	Kubo et al.	
	US-5,330,604	07-19-1994	Allum et al.	
	US-5,332,271	07-26-1994	Grant et al.	
	US-5,332,445	07-26-1994	Bergman	
	US-5,340,456	08-23-1994	Mehler	
	US-5,348,620	09-20-1994	Hermans et al.	
	US-5,364,504	11-15-1994	Smurkoski et al.	
	US-5,366,785	11-22-1994	Sawdai	
	US-5,366,786	11-22-1994	Connor et al.	
	US-5,377,708	01-03-1995	Bergman et al.	
	US-5,388,945	02-14-1995	Garric et al.	
	US-5,391,517	02-21-1995	Gelatos et al.	
	US-5,405,518	04-11-1995	Hsieh et al.	
	US-5,411,076	05-02-1995	Matsunaga et al.	
	US-5,421,987	06-06-1995	Tzanavaras et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	4	of	8	Attorney Docket Number	291958156US

	US-5,427,674	06-27-1995	Langenskiold et al.	
	US-5,429,686	07-04-1995	Chiu et al.	
	US-5,429,733	07-04-1995	HIROFUMI ISHIDA	
	US-5,431,803	07-11-1995	DiFranco et al.	
	US-5,437,777	08-01-1995	SHUJI KISHI	
	US-5,441,629	08-15-1995	Kosaki	
	US-5,442,416	08-15-1995	Tateyama et al.	
	US-5,443,707	08-22-1995	Mori	
	US-5,445,484	08-29-1995	Kato et al.	
	US-5,447,615	09-05-1995	Ishida	
	US-5,454,405	10-03-1995	Hawes	
	US-5,460,478	10-24-1995	Akimoto et al.	
	US-5,464,313	11-07-1995	Ohsawa	
	US-5,489,341	02-06-1996	Bergman et al.	
	US-5,500,081	03-19-1996	Bergman	
	US-5,501,768	03-26-1996	Hermans et al.	
	US-5,508,095	04-16-1996	Allum et al.	
	US-5,512,319	04-30-1996	Cook et al.	
	US-5,514,258	05-07-1996	Brinket et al.	
	US-5,516,412	02-06-1996	Andricacos et al.	
	US-5,522,975	06/1996	Andricacos et al.	
	US-5,527,390	06-18-1996	Ono et al.	
	US-5,544,421	08-13-1996	Thompson et al.	
	US-5,567,267	10-22-1996	Kazama et al.	
	US-5,571,325	11-05-1996	TSUTOMU UYAMA	
	US-5,571,325	11-05-1996	Ueyama et al.	
	US-5,575,611	11-19-1996	Thompson et al.	
	US-5,584,310	12-17-1996	ERIC J. BERGMAN	
	US-5,584,971	12-17-1996	Komino	
	US-5,593,545	01-14-1997	Rugowski et al.	
	US-5,597,836	01-28-1997	Hackler et al.	
	US-5,600,532	02-04-1997	Michiya et al.	
	US-5,609,239	03-11-1997	Schlecker	
	US-5,620,581	04-15-1997	Ang	
	US-5,639,206	06-17-1997	Oda et al.	
	US-5,641,613	06-24-1997	Boff et al.	
	US-5,650,082	07-22-1997	Anderson	
	US-5,651,823	07-29-1997	Parodi et al.	
	US-5,658,387	08-19-1997	TIMOTHY J. REARDON	
	US-5,658,387	08-19-1997	Reardon et al.	
	US-5,660,472	08-26-1997	Peuse et al.	
	US-5,660,517	08/1997	Thompson et al.	
	US-5,662,788	09-02-1997	GURTEJ SANDHU	
	US-5,664,337	09-09-1997	Davis et al.	
	US-5,670,034	09-23-1997	KENNETH J. LOWERY	
	US-5,676,337	10/1997	Giras et al.	
	US-5,677,118	10-14-1997	Spara et al.	
	US-5,678,320	10-21-1997	Thompson et al.	
	US-5,678,320	10/1997	Thompson et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	5	of	8	Attorney Docket Number	291958156US

	US-5,683,564	11-04-1997	Reynolds	
	US-5,684,654	11-04-1997	Searle et al.	
	US-5,684,713	11-04-1997	Asada et al.	
	US-5,700,127	12-23-1997	JUNJI HARADA	
	US-5,700,127	12-23-1997	Harada et al.	
	US-5,711,646	01/1998	Ueda et al.	
	US-5,731,678	03-24-1998	Zila et al.	
	US-5,744,019	04-28-1998	Ang	
	US-5,746,565	05/1998	Tepolt	
	US-5,747,098	05-05-1998	Larson	
	US-5,755,948	05-26-1998	Lazaro et al.	
	US-5,759,006	06/1998	Miyamoto et al.	
	US-5,762,751	06-09-1998	MARTIN C. BLECK	
	US-5,765,444	06-16-1998	PAUL BACCHI	
	US-5,765,889	06/1998	Nam et al.	
	US-5,776,327	07-07-1998	Botts et al.	
	US-5,785,826	07-28-1998	ALEX GREENSPAN	
	US-5,788,829	08-04-1998	Joshi et al.	
	US-5,802,856	08-09-1998	Schaper et al.	
	US-5,829,791	11-03-1998	Kotsubo et al.	
	US-5,843,296	12-01-1998	Greespan	
	US-5,871,805	01-01-2001	JEROME LEMELSON	
	US-5,892,207	04-06-1999	Kawamura et al.	
	US-5,904,827	05-18-1999	Reynolds	
	US-5,925,227	07/1999	Kobayashi et al.	
	US-5,937,142	08-10-1999	Moslehi et al.	
	US-5,957,836	09-28-1999	Johnson	
	US-5,980,706	11-09-1999	MARTIN BLECK	
	US-5,985,126	11-16-1999	MARTIN C. BLECK	
	US-5,998,123	12-07-1999	Tanaka et al.	
	US-6,001,235	12-14-1999	Arken et al.	
	US-6,004,828	12-21-1999	KYLE M. HANSON	
	US-6,017,820	01-25-2000	Ting et al.	
	US-6,053,687	04-25-2000	THOMAS I. KIRKPATRICK	
	US-6,072,160	06-06-2000	Bahl	
	US-6,072,163	06-06-2000	Armstrong et al.	
	US-6,080,288	06-27-2000	Schwartz et al.	
	US-6,080,291	06-27-2000	Woodruff et al.	
	US-6,080,691	06-27-2000	Lindsay et al.	
	US-6,086,680	07-11-2000	Foster et al.	
	US-6,091,498	07-18-2000	KYLE HANSON	
	US-6,099,702	08-08-2000	JONATHAN D. REID	
	US-6,099,712	08-08-2000	THOMAS L. RITZDORF	
	US-6,103,085	08-15-2000	Woo et al.	
	US-6,107,192	08-22-2000	Subrahmanyam et al.	
	US-6,108,937	08-29-2000	Raaijmakers	
	US-6,110,011	08-29-2000	SASSON SOMEKH	
	US-6,130,415	10-10-2000	Knoot	
	US-6,136,163	10-24-2000	ROBIN CHEUNG	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	6	of	8	Attorney Docket Number	291958156US

	US-6,139,703	10-31-2000	Hanson et al.	
	US-6,139,712	10-31-2000	EVAN E. PATTON	
	US-6,140,234	10-31-2000	Uzoh et al.	
	US-6,143,147	11-07-2000	Jelinek	
	US-6,143,155	01-01-2001	JOHN A. ADAMS	
	US-6,157,106	12-05-2000	Tietz et al.	
	US-6,162,488	12-19-2000	Gevelber et al.	
	US-6,168,695	01-02-2001	DANIEL J. WOODRUFF	
	US-6,174,425	01-16-2001	CINDY R. SIMPSON	
	US-6,174,796	01-16-2001	Takagi et al.	
	US-6,184,068	02-06-2001	Ohtani et al.	
	US-6,218,097	04-17-2001	Bell et al.	
	US-6,221,230	01-01-2001	HIROMITSU TAKEUCHI	
	US-6,234,738	05-22-2001	KAZUO KIMATA	
	US-6,251,238	06-26-2001	Kaufman et al.	
	US-6,251,528	06-26-2001	Uzoh et al.	
	US-6,254,742	07-03-2001	Hanson et al.	
	US-6,258,220	07-10-2001	YEZDI DORDI	
	US-6,261,433	07-17-2001	UZIEL LANDAU	
	US-6,270,647	08-07-2001	LYNDON W. GRAHAM	
	US-6,278,089	08-21-2001	Young et al.	
	US-6,280,183	08-28-2001	Mayur et al.	
	US-6,280,582	08-28-2001	Woodruff et al.	
	US-6,280,583	08-28-2001	Woodruff et al.	
	US-6,297,154	10-02-2001	Gross et al.	
	US-6,303,010	10-16-2001	Woodruff et al.	
	US-6,309,520	10-30-2001	Woodruff et al.	
	US-6,309,524	10-30-2001	Woodruff et al.	
	US-6,318,951	11/2001	Schmidt et al.	
	US-6,322,112	11-27-2001	Franklin Duncan	
	US-6,322,677	11-27-2001	Daniel Woodruff	
	US-6,342,137	01-29-2002	Daniel Woodruff	
	US-6,365,729	01-01-2001	Sanjay Tyagi	
	US-6,402,923	06-11-2002	Steven Mayer	
	US-6,409,892	06-25-2002	Woodruff et al.	
	US-6,428,660	08-06-2002	Woodruff et al.	
	US-6,428,662	08-06-2002	Woodruff et al.	
	US-6,444,101	03-14-2002	JOSEPH STEVENS	
	US-6,471,913	10-29-2002	Weaver et al.	
	US-6,481,956	11-19-2002	CHRISTOPHER A. HOFMEISTER	
	US-6,491,806	12-10-2002	Valery Dubin	
	US-6,562,421	11-07-2002	Go Sudo	
	US-6,565,729	01-24-2002	Linlin Chen	
	US-6,569,297	06-27-2002	Gregory Wilson	
	US-6,599,412	07-29-2003	Lyndon Graham	
	US-6,660,137	01-24-2002	Gregory Wilson	
	US-6,699,373	08-15-2002	Daniel Woodruff	
	US-6,709,562	01-01-2001	PANAYOTIS C. ANDRICACOS	
	US-6,755,954	06-29-2004	Mayer et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	7	of	8	Attorney Docket Number	291958156US

	US-60/129,055	McHugh
	US-60/143,769	McHugh
	US-60/182,160	McHugh et al.
	US-60/206,663	Wilson et al.
	US-60/294,690	Gibbons et al.
	US-60/316,597	Hanson
	US-60/607,046	Klocke
	US-60/607,460	Klocke

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		CA-873651	06/1971	Cronin, DC		
		DE-195 25 666	10-02-1996	Huebsch et al.		
		DE-41 14 427	11-05-1992	Moritz, Heiko		
		EP-0 140 404 A1	08-16-1984	The Proctor & Gamble Co.		
		EP-0 257 670	03-02-1988	Estham et al.		
		EP-0 290 210	11-09-1988	Oki Electric Industry Co.		
		EP-0 677 612 A2	10-18-1995	Kimberly-Clark Corp.		
		EP-0 677 612 A3	10-18-1985	Kimberly-Clark Corp		
		EP-0 881 673 A2	05-08-1998	Intl Business Machines Corp		
		EP-0 982 771 A1	08-17-1999	Lucent Technologies, Inc.		
		EP-0047132 B1	07-03-1985	Heraeus Quarzschmelze		
		EP-0290210	11-09-1988	Oki Electric Industry Co.		
		EP-0452939 B1	11-02-2000	Applied Materials, Inc.		
		EP-0544311 B1	05-15-1996	Dainippon Screen Mfg. Co. Ltd		
		EP-0582019 B1	10-18-1995	Intl Business Machines		
		EP-1 069 213 A2	07-11-2000	Applied Materials Inc.		
		GB-2 254 288 A	03-24-1992	Scapa Group Pic		
		GB-2 279 372A	06-23-1994	Kimberly-Clark Corp.		
		GB-2217107A	03-23-1989	Canon Kabushiki Kaisha		
		JP-10-083960	03-31-1998	Takashi		
		JP-1048442	02-22-1989	Texas Instru Japan		
		JP-4144150	05-18-1992	Oki Electric Ind Co Ltd		
		JP-5146984	06-15-1993	Murata Mach Ltd.		
		JP-5211224	08-20-1993	Texan Instr Japan		
		WO-00/02675	01-02-2000	Semitool, Inc.		
		WO-00/02808	01-20-2000	Semitool, Inc.		
		WO-00/02808 A1	01/2000	Semitool Inc.		
		WO-00/03072	01-20-2000	Woodruff et al.		
		WO-00/32835	06-08-2000	Dordi et al.		
		WO-01/46910				
		WO-02/02808	01-20-2000	Semitool, Inc.		
		WO-02/17203				
		WO-02/97165	12-05-2002	Semitool, Inc.		
		WO-02/99165	12-12-2002	Semitool, Inc.		
		WO-03/18874	09-03-2002	Semitool, Inc.		
		WO-90/00476	01-25-1990	Tuckerman		
Examiner Signature				Date Considered		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/875,365-Conf. #8844
				Filing Date	June 5, 2001
				First Named Inventor	Daniel J. Woodruff
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	8	of	8	Attorney Docket Number	291958156US

	WO-91/04213	04-04-1991	Wong et al.		
	WO-95/06326	03-02-1995	Semitool, Inc.		
	WO-95/20064	07-27-1995	Berg		
	WO-99/16936	04-08-1996	Semitool, Inc.		
	WO-99/25904	05-27-1999	Reid et al.		
	WO-99/25905	05-27-1999	Patton et al.		
	WO-99/40615	08-12-1999	Ritzdorf et al.		
	WO-99/41434	08-19-1999	ACM Research, Inc.		
	WO-99/45745	09-10-1999	Armstrong et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those patent(s) or publication(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(e)) because that application was filed after June 30, 2003. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		CONTOLINI ET AL., "Copper Electroplating Process for Sub-Half-Micron ULSI Structures," VMIC Conference 1995 ISMIC - 04/95/0322, pgs 322-328, June 17-29, 1995			
		DEVARAJ et al., "Pulsed Electrodeposition of Copper," Plating & Surface Finishing, Pgs 72-78, August 1992			
		DUBIN, "Copper Plating Techniques for ULSI Metallization," Advanced MicroDevices			
		DUBIN, V.M., "Electrochemical Deposition of Copper for On-Chip Interconnects," Advanced MicroDevices			
		GAUVIN et al., "The Effect of Chloride Ions on Copper Deposition," J. of Electrochemical Society, Vol 99, pgs 71-75, February 1952			
		International Search Report for PCT/US02/17840; Applicant: Semitool, Inc., March 3, 2003, 4 pgs			
		International Search Report PCT/US02/17203; Semitool, Inc., December 31, 2002, 4 pgs.			
		LOWENHEIM, Frederick A., "Electroplating Electrochemistry Applied to Electroplating," 1978, pp 152-155, McGraw-Hill Book Company, New York			
		OSSRO, N.M., "An Overview of Pulse Plating," Plating and Surface Finishing, March 1986			
		PASSAL, F., "Copper Plating During the Last Fifty Years," Plating, pgs 628-638, June 1959			
		PATENT ABSTRACT OF JAPAN, "Partial Plating Device," Publication No. 01234590, Publication Date: Sept 19, 1989			
		PATENT ABSTRACT OF JAPAN, "Plating Method" Publication No. 57171690, Publication Date: October 22, 1982			
		PCT International Search Report for PCT/US02/17840, Applicant: Semitool, Inc., March 2003, 5 pages			
		SINGER, P., "Copper Goes Mainstream: Low k to Follow," Semiconductor International, pgs 67-70, November 1997			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--